AMENDMENTS TO THE DRAWINGS

A new set of formal drawings is attached hereto. In the attached set of formal drawings, Figs. 1-5 have been labeled "prior art."

Attachment: 12 Replacement Sheets (Figs. 1-19)

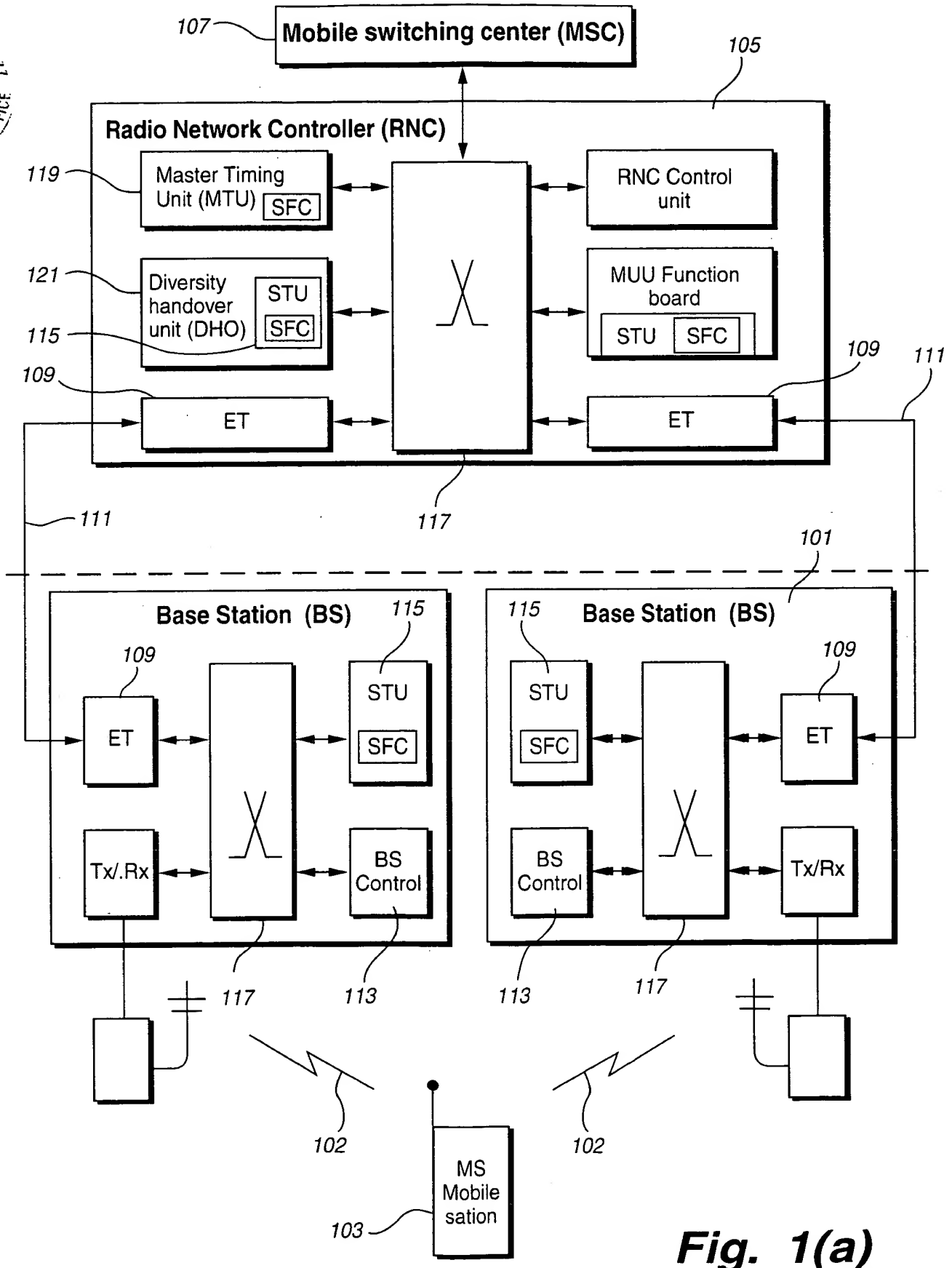
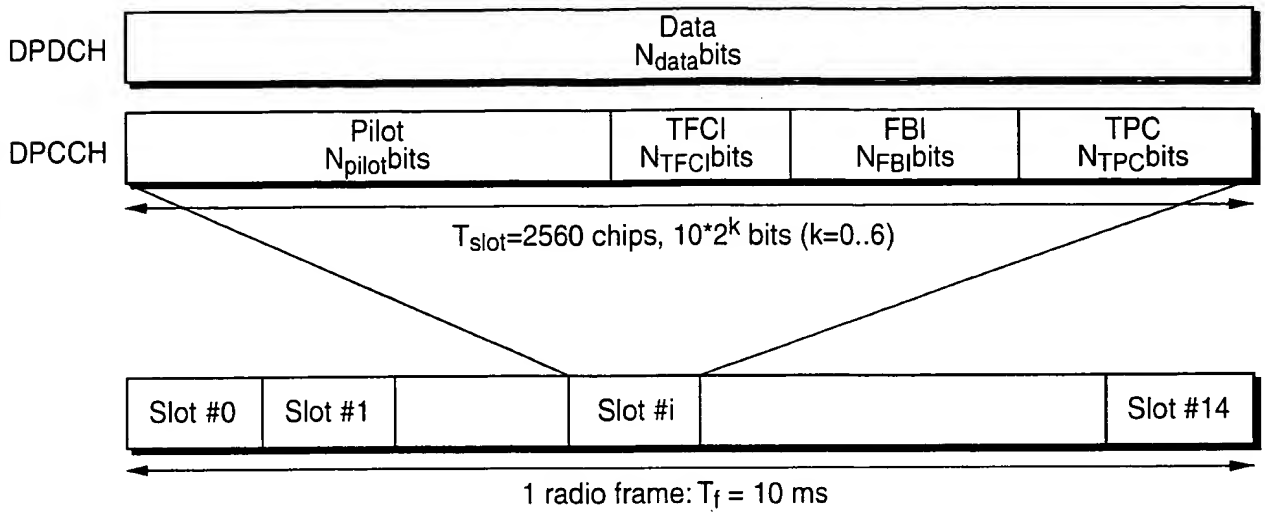
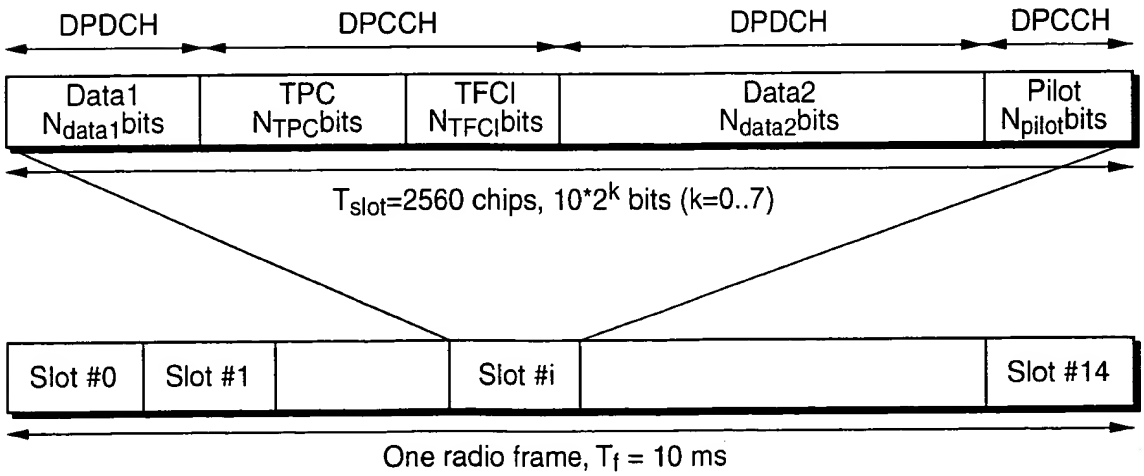


Fig. 1(a)
(PRIOR ART)



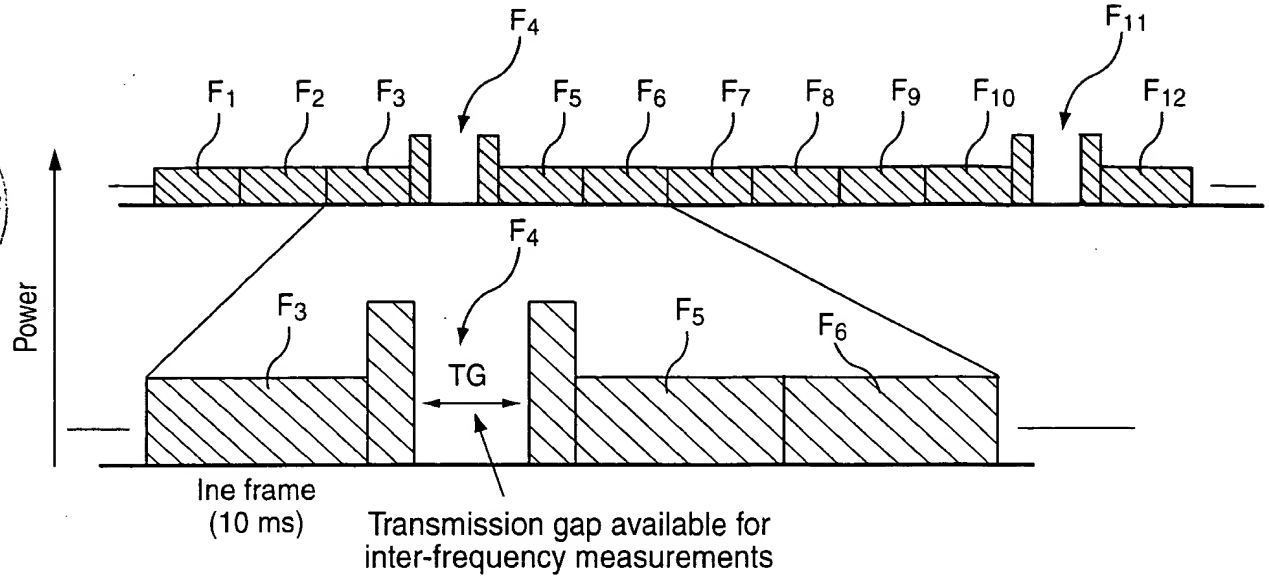
Frame structure for uplink DPDCH/DPCCH

Fig. 1(b) (Prior Art)



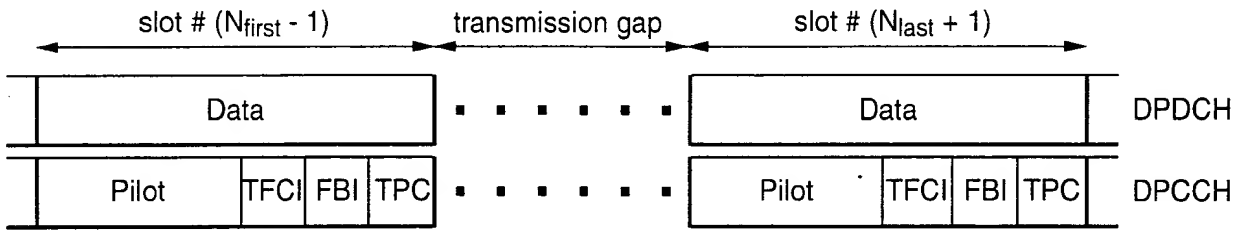
Frame structure for downlink DPCH

Fig. 2 (Prior Art)



Compressed mode transmission

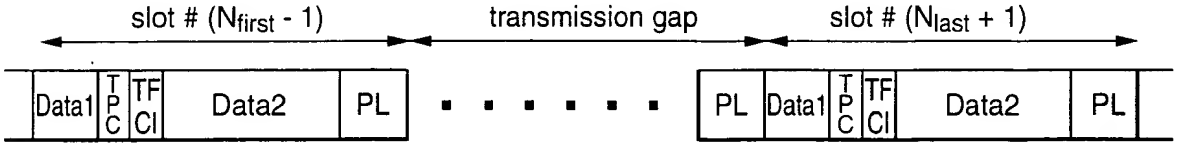
Fig. 3 (Prior Art)



Frame structure in uplink compressed transmission

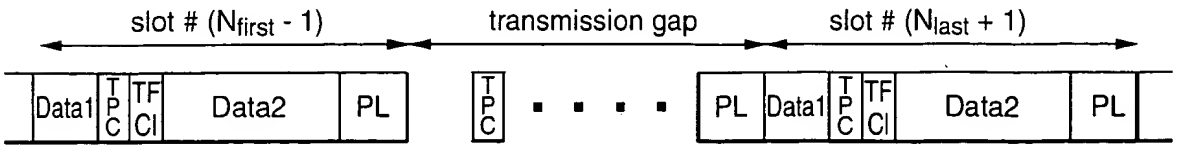
Fig. 4 (Prior Art)

SH D.K.



Frame structure in uplink compressed transmission

Fig. 5(a) (Prior Art)



(d) Frame structure type B

Frame structure types in downlink compressed transmission

Fig. 5(b) (Prior Art)

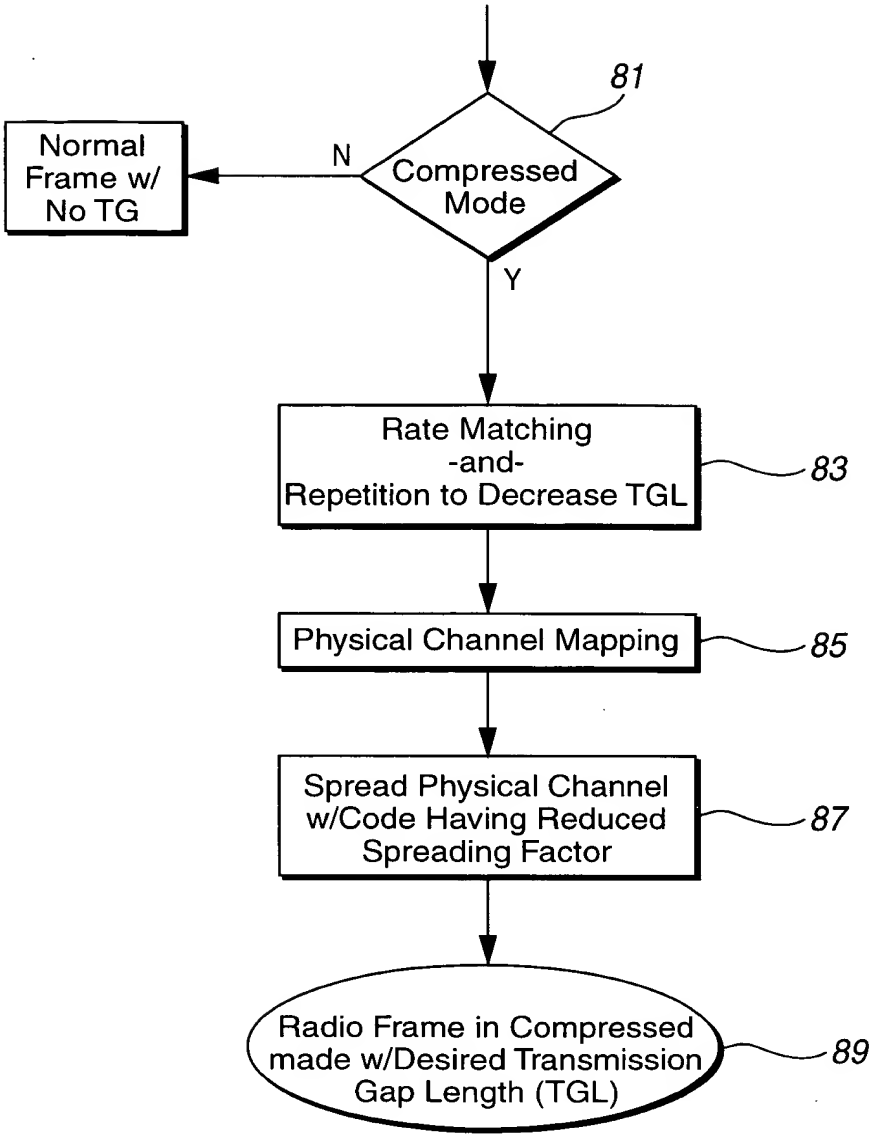


Fig. 6

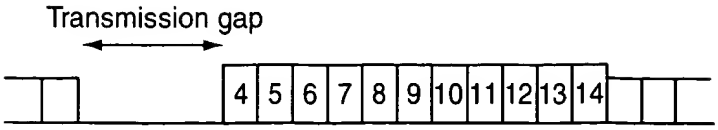


Fig. 7

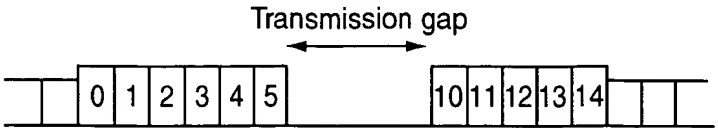


Fig. 8(a)

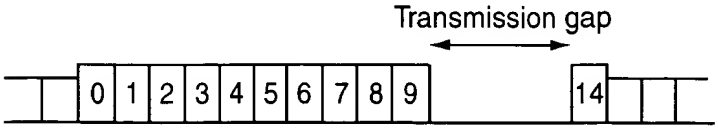


Fig. 9

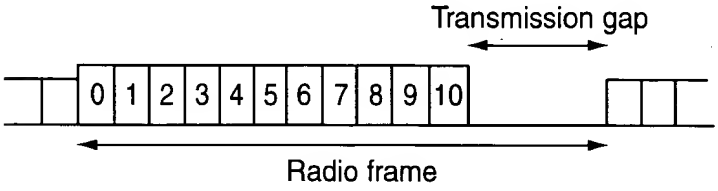


Fig. 10

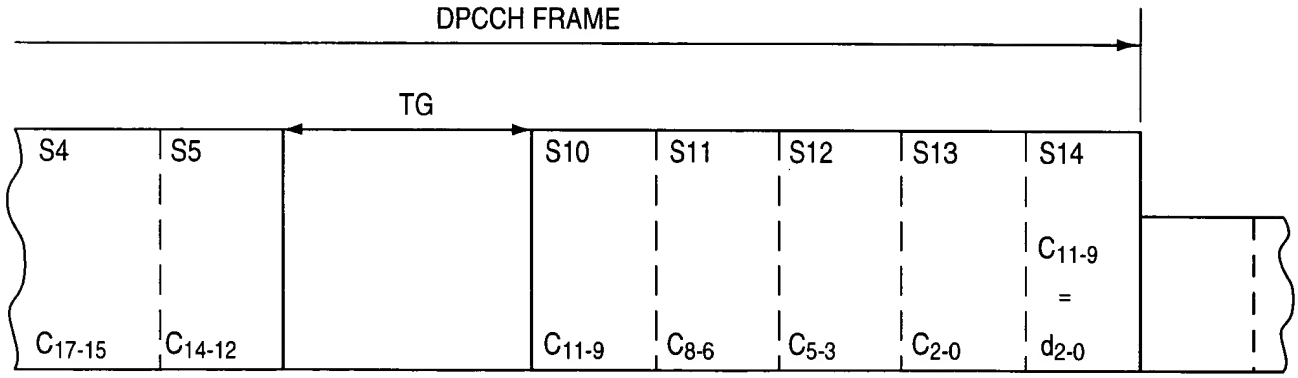


Fig. 8(b)

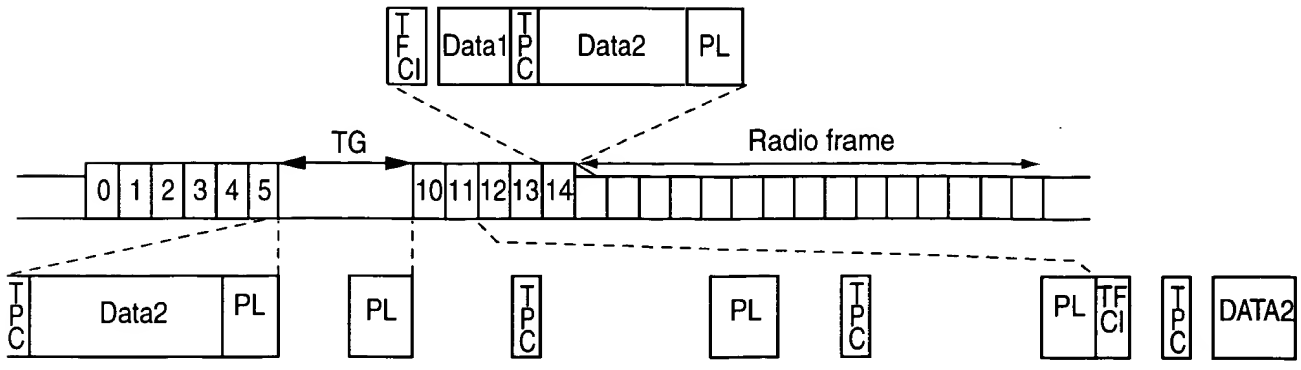


Fig. 11

Fig. 12

Table 2: DPCCH fields

Slot Format #i	Channel Bit Rate (kbps)	Channel Symbol Rate (ksps)	SF	Bits/ Frame	Bits/ Slot	N_{pilot}	N_{TPC}	N_{TFCI}	N_{FBI}	Trans-mitted slots per radio frame
0	15	15	256	150	10	6	2	2	0	15
0A	15	15	256	150	10	5	2	3	0	10-14
0B	15	15	256	150	10	4	2	4	0	8-9
1	15	15	256	150	10	8	2	0	0	8-15
2	15	15	256	150	10	5	2	2	1	15
2A	15	15	256	150	10	4	2	3	1	10-14
2B	15	15	256	150	10	3	2	4	1	8-9
3	15	15	256	150	10	7	2	0	1	8-15
4	15	15	256	150	10	6	2	0	2	8-15
5	15	15	256	150	10	5	1	2	2	15
5A	15	15	256	150	10	4	1	3	2	10-14
5B	15	15	256	150	10	3	1	4	2	8-9

Table 3: Parameters for different TGLs in compressed mode

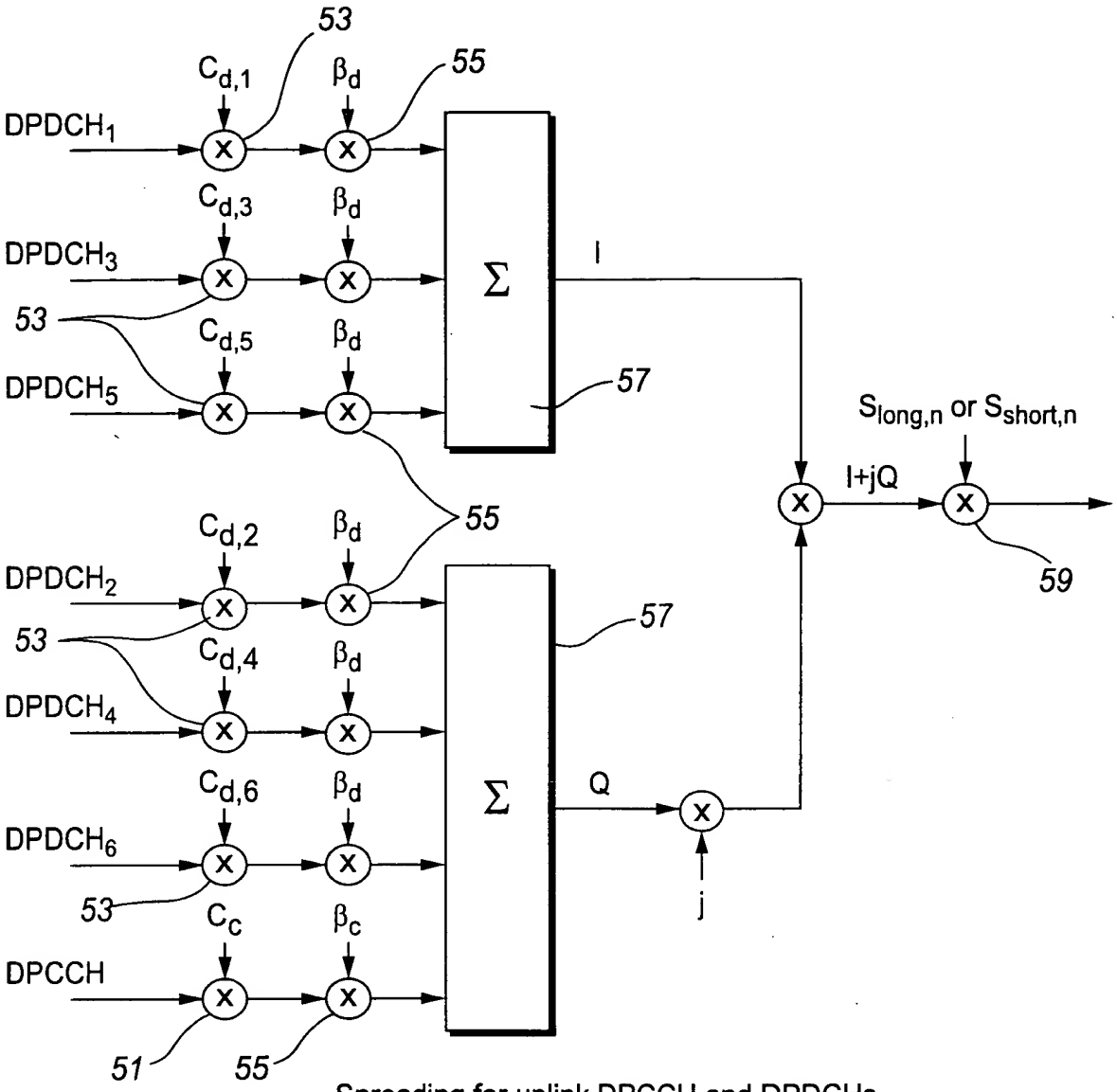
TGL	Type	Adjustable /fixed gap position	Spreading Factor	Idle length[ms]	Transmission time Reduction method	Idle frame Combining
3	A	Adjustable Or Fixed	512 – 4	1.73-1.99	Puncturing Spreading factor reduction by 2 Higher layer scheduling	(S) (D) =(1,2),(2,1)
	B		256- 4	1.60-1.86		
4	A		512 - 4	2.40-2.66		(S) (D) =(1,3),(2,2),(3,1)
	B		256- 4	2.27-2.53		
7	A		512 -4	4.40-4.66		(S) (D)=(1,6),(2,5),(3,4),(4,3),(5,2),(6,1)
	B		256- 4	4.27-4.53		
10	A		512 - 4	6.40-6.66		(D)=(3,7),(4,6),(5,5),(6,4),(7,3)
	B		256- 4	6.27-6.53		
14	A	Fixed	512 - 4	9.07-9.33		(D) =(7,7)
	B		256- 4	8.93-9.19		

Fig. 13(a)

Table 3: Parameters for different TGLs in compressed mode

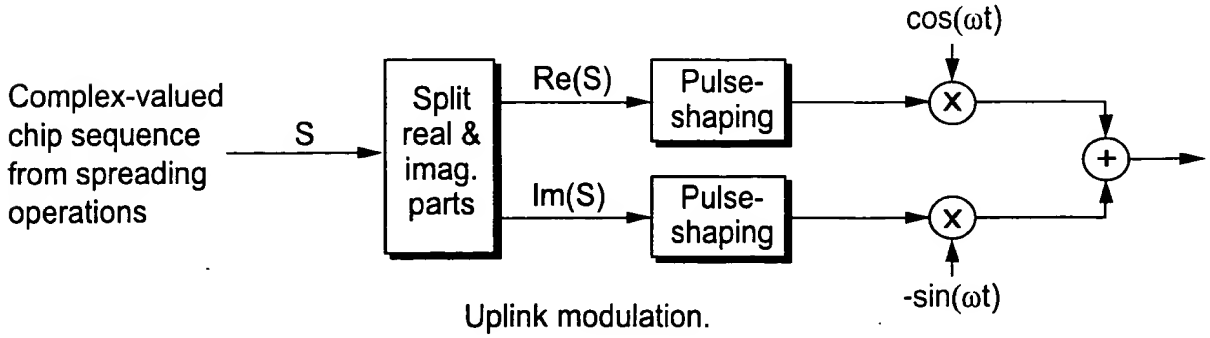
TGL	Type	Adjustable /fixed gap position	Spreading Factor	Idle length[ms]	Transmission time Reduction method	Idle frame Combining
3	A	Adjustable Or Fixed	512 – 4	1.73-1.99	Puncturing Spreading factor reduction by 2 Higher layer scheduling	(S) (D) =(1,2),(2,1)
	B		256- 4	1.60-1.86		
4	A		512 - 4	2.40-2.66		(S) (D) =(1,3),(2,2),(3,1)
	B		256- 4	2.27-2.53		
7	A		512 -4	4.40-4.66		(S) (D)=(1,6),(2,5),(3,4),(4,3),(5, 2),(6,1)
	B		256- 4	4.27-4.53		
10	A		512 - 4	6.40-6.66		(D)=(3,7),(4,6),(5,5),(6,4),(7, 3)
	B		256- 4	6.27-6.53		
14	A	Fixed	512 - 4	9.07-9.33		(D) =(7,7)
	B		256- 4	8.93-9.19		

Fig. 13(b)



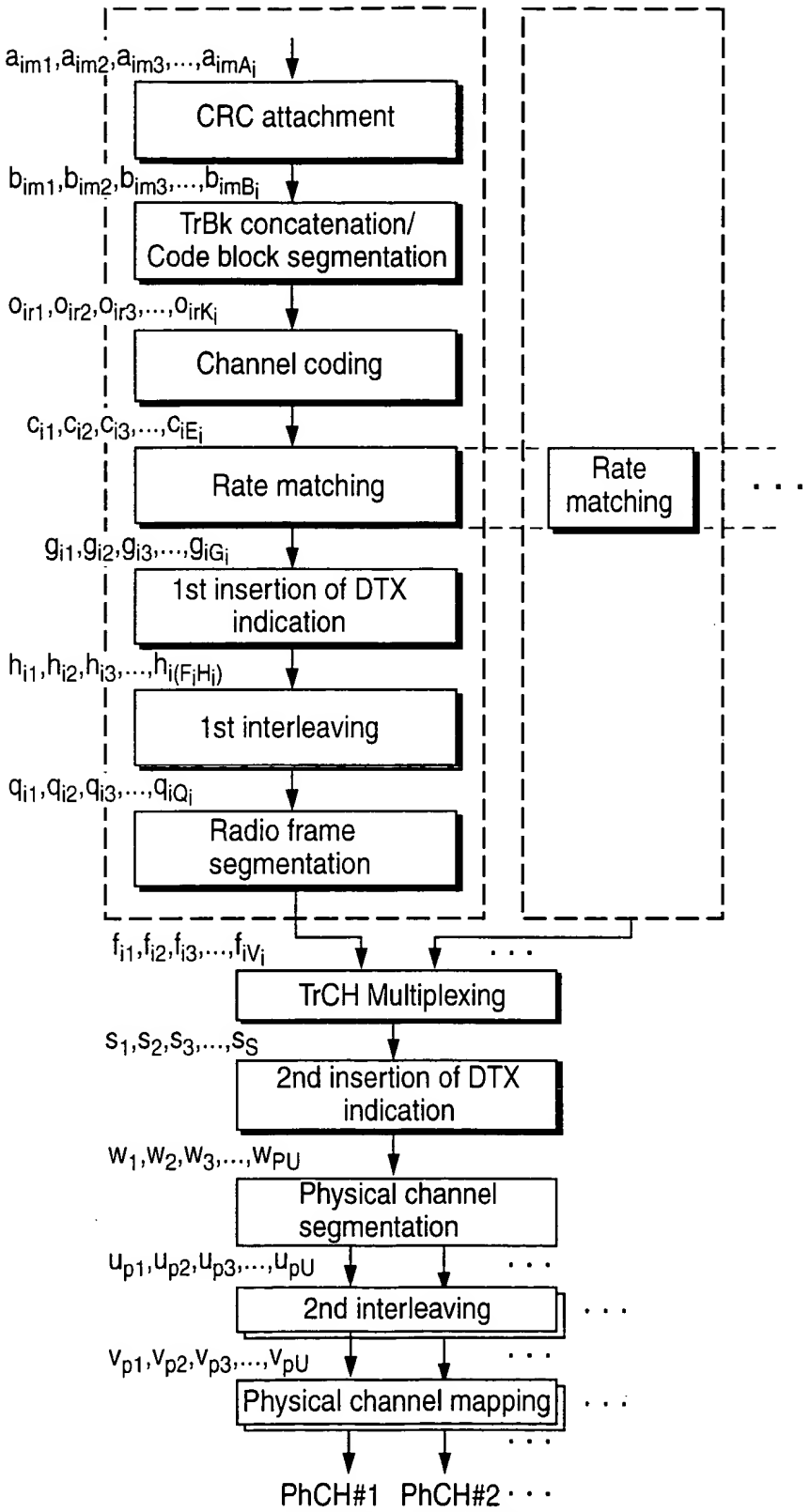
Spreading for uplink DPCCH and DPDCHs

Fig. 14



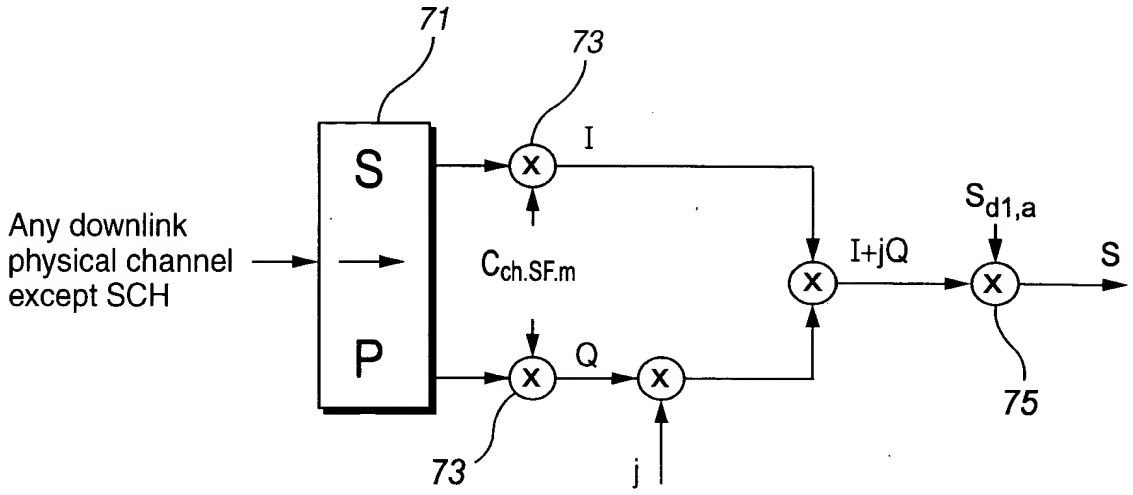
Uplink modulation.

Fig. 15



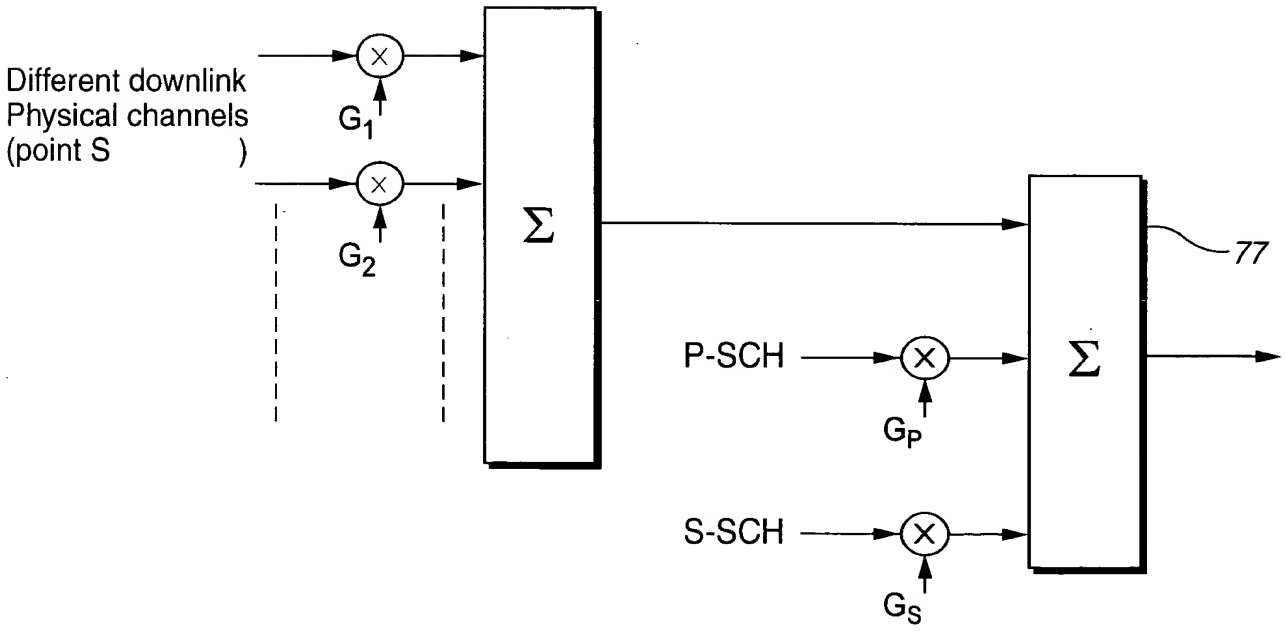
Transport channel multiplexing structure for downlink

Fig. 16



Spreading for all downlink physical channels except SCH

Fig. 17



Spreading and modulation for SCH and P-CCPCH

Fig. 18

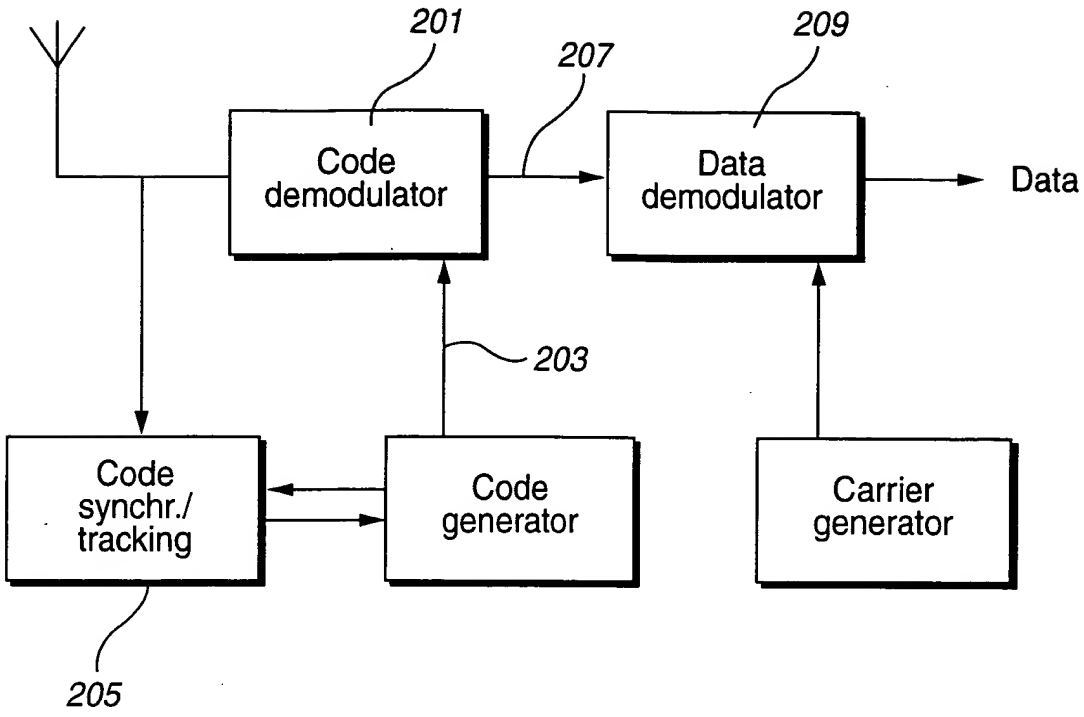


Fig. 19